

Abstract of the Disclosure

A method of retransmitting of a lost packet in a mobile communication system in which
5 multiple copies plus delays occur i.e. after a transmitter has received from a receiver a
negative acknowledgement (NACK) signal, which points to a specific data packet,
multiple copies of the specific data packet are retransmitted with a delay, which is inserted
between two consecutive copies. The number of multiple copies can be acquired by a
linear or exponential calculation according to the current number of retransmission. The
10 specific retransmission method may be the interleaving transmission method, which
transmits a retransmission queue in the interleaving retransmission interval; or the multiple
queues polling transmission method, which transmits the retransmission queue by copy
queues sequence. In the correlated fading channels, the method of the present invention
can decrease the number of retransmissions, and at the same time it can increase efficiency
15 of each retransmission.

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